

Attorney Docket No. 09548.1030UO

HAMRE, SCHUMANN, MUELLER & LARSON, P.C.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: PROCESS FOR DISTILLATION AND DECARBONIZATION OF OIL SHALE SPECIES USING FLUIDIZED BED

The specification of which

- a. ☒ is attached hereto
b. ☒ was filed on _____ as application serial no. _____ and was amended on _____ (if applicable) (in the case of a PCT-filed application) described and claimed in international no. PCT/CN2004/001361 filed 26 November 2004 and as amended on _____ (if any), which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

- a. ☐ no such applications have been filed.
b. ☒ such applications have been filed as follows:

| FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119 | | | |
|--|--------------------|--------------------------------------|-------------------------------------|
| COUNTRY | APPLICATION NUMBER | DATE OF FILING (day, month, year) | DATE OF ISSUE (day, month, year) |
| China | 200310116687.7 | 27 November 2003 | |
| | | | |
| | | | |
| ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S) | | | |
| COUNTRY | APPLICATION NUMBER | DATE OF FILING (day, month, year) | DATE OF ISSUE (day, month, year) |
| | | | |
| | | | |

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S. APPLICATION NUMBER | DATE OF FILING (day, month, year) | STATUS (patented, pending, abandoned) |
|-------------------------|-----------------------------------|---------------------------------------|
| | | |

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

| U.S. PROVISIONAL APPLICATION NUMBER | DATE OF FILING (Day, Month, Year) |
|-------------------------------------|-----------------------------------|
| | |

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (reprinted below):

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

(1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;

or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

(i) Opposing an argument of unpatentability relied on by the Office, or

(ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

(1) Each inventor named in the application:

(2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

(e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby appoint the attorney(s) and/or patent agent(s) associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.



I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct, Hamre, Schumann, Mueller & Larson P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Hamre, Schumann, Mueller & Larson P.C., or any of its attorneys.

Please direct all correspondence in this case to customer number 52835.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | | |
|----------------------------|-------------------------|-----------------------------|-----------------------------|--------------------------|
| 2 | Full Name Of Inventor | Family Name | First Given Name | Second Given Name |
| | | WANG | Shoufeng | |
| 0 | Residence & Citizenship | City | State or Foreign Country | Country of Citizenship |
| | | Dalianhe town, Yilan county | China | China |
| 1 | Mailing Address | Address | City | State & Zip Code/Country |
| | | | Dalianhe town, Yilan county | 154854/China |
| Signature of Inventor 201: | | | Date: | |
| | | | May 16, 2006 | |

| | | | | |
|----------------------------|-------------------------|----------------------------|--------------------------|--------------------------|
| 2 | Full Name Of Inventor | Family Name | First Given Name | Second Given Name |
| | | CHEN | Zhaoran | |
| 0 | Residence & Citizenship | City | State or Foreign Country | Country of Citizenship |
| | | Shanghai | China | China |
| 2 | Mailing Address | Address | City | State & Zip Code/Country |
| | | 13 Floor, No. 5, Bibo Road | Shanghai | 201203/China |
| Signature of Inventor 202: | | | Date: | |
| | | | May 16, 2006 | |

| | | | | |
|----------------------------|-------------------------|-----------------------------|-----------------------------|--------------------------|
| 2 | Full Name Of Inventor | Family Name | First Given Name | Second Given Name |
| | | LV | Zisheng | |
| 0 | Residence & Citizenship | City | State or Foreign Country | Country of Citizenship |
| | | Dalianhe town, Yilan county | China | China |
| 3 | Mailing Address | Address | City | State & Zip Code/Country |
| | | | Dalianhe town, Yilan county | 154854/China |
| Signature of Inventor 203: | | | Date: | |
| | | | May 16, 2006 | |

| | | | | |
|----------------------------|-------------------------|-----------------------------|-----------------------------|--------------------------|
| 2 | Full Name Of Inventor | Family Name | First Given Name | Second Given Name |
| | | JIANG | Dianchen | |
| 0 | Residence & Citizenship | City | State or Foreign Country | Country of Citizenship |
| | | Dalianhe town, Yilan county | China | China |
| 4 | Mailing Address | Address | City | State & Zip Code/Country |
| | | | Dalianhe town, Yilan county | 154854/China |
| Signature of Inventor 204: | | | Date: | |
| | | | May 16, 2006 | |

| | | | | |
|----------------------------|-------------------------|----------------------------|--------------------------|--------------------------|
| 2 | Full Name Of Inventor | Family Name | First Given Name | Second Given Name |
| | | WANG | Gengxin | |
| 0 | Residence & Citizenship | City | State or Foreign Country | Country of Citizenship |
| | | Shanghai | China | China |
| 5 | Mailing Address | Address | City | State & Zip Code/Country |
| | | 13 Floor, No. 5, Bibo Road | Shanghai | 201203/China |
| Signature of Inventor 205: | | | Date: | |
| | | | May 16, 2006 | |

INDEPENDENT INVENTOR(S)**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 C.F.R. 1.27(a)(1)) - INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 C.F.R. 1.27(a)(1) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the United States Patent and Trademark Office with regard to the invention entitled PROCESS FOR DISTILLATION AND DECARBONIZATION OF OIL SHALE SPECIES USING FLUIDIZED BED described in

- a) ☒ the specification filed herewith.
b) ☐ provisional application serial no. _____, filed _____.
c) ☐ non-provisional application serial no. _____, filed _____.
d) ☐ patent no. _____, issued _____.

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as a person under 37 C.F.R. 1.27(a)(1) if that person has made the invention, or to any concern which would not qualify as a small business concern under 37 C.F.R. 1.27(a)(2) or a nonprofit organization under 37 C.F.R. 1.27(a)(3).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- a) ☐ no such person, concern, or organization exists.
b) ☐ persons, concerns or organizations listed below*

NAME
ADDRESS

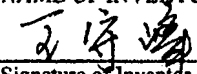
a) ☐ PERSON b) ☐ SMALL BUSINESS CONCERN c) ☐ NONPROFIT ORGANIZATION

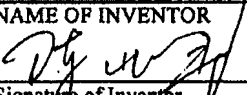
NAME
ADDRESS

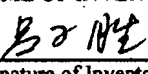
a) ☐ PERSON b) ☐ SMALL BUSINESS CONCERN c) ☐ NONPROFIT ORGANIZATION

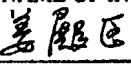
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 C.F.R. 1.27(g)(2)).

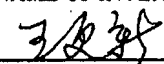
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereof, or any patent to which this verified statement is directed.

Shoufeng WANG
NAME OF INVENTOR

Signature of Inventor
May 16, 2006
Date

Zhaoran CHEN
NAME OF INVENTOR

Signature of Inventor
May 16, 2006
Date

Zisheng LV
NAME OF INVENTOR

Signature of Inventor
May 16, 2006
Date

Dianchen JIANG
NAME OF INVENTOR

Signature of Inventor
May 16, 2006
Date

Gengxin WANG
NAME OF INVENTOR

Signature of Inventor
May 16, 2006
Date

* Separate statements should be obtained from each named person, concern or organization having rights to the invention as to their status as small entities.

Hamre, Schumann, Mueller & Larson, P.C.